



**Amendments to the Specification:**

Please replace the paragraph beginning on page 13, line 9, with the following rewritten paragraph:

Fig. 38 is a functional block diagram of the motor drive apparatus in the ~~sixth~~seventh embodiment.

Please replace the paragraph beginning on page 13, line 11, with the following rewritten paragraph:

Fig. 39 is a flow chart for illustrating an operation of voltage conversion reducing switching noise in the ~~sixth~~seventh embodiment.

Please replace the paragraph beginning on page 13, line 13, with the following rewritten paragraph:

Fig. 40 is another functional block diagram of the motor drive apparatus of the ~~sixth~~seventh embodiment.

Please replace the paragraph beginning on page 13, line 15, with the following rewritten paragraph:

Fig. 41 is another flow chart for illustrating the operation of voltage conversion reducing switching noise in the ~~sixth~~seventh embodiment.

Please replace the paragraph beginning on page 94, line 21, with the following rewritten paragraph:

**Sixth-Seventh Embodiment**

Please replace the paragraph beginning on page 94, line 22, with the following rewritten paragraph:

Fig. 38 is a functional block diagram of the motor drive apparatus in a ~~sixth~~seventh embodiment. With reference to the figure, the ~~sixth~~seventh embodiment provides a motor drive apparatus 100F including a secondary battery 51, a vehicle accessory 52, a power

conversion device 53, a running associated drive device 54, a fuel cell 55, a fuel cell auxiliary 56, and an electronic control unit 57. Note that motor drive apparatus 100F is mounted in a fuel cell vehicle.

Please replace the paragraph beginning on page 95, line 3, with the following rewritten paragraph:

Secondary ~~battery 52~~ battery 51 is implemented for example by a nickel metal hydride or lithium ion or similar, chargeable battery and outputs DC voltage. Vehicle accessory 52 includes an electrically drive air conditioner, an electrically driven power steering and the like and is driven by DC voltage received from secondary battery 51.

Please replace the paragraph beginning on page 97, line 12, with the following rewritten paragraph:

Fig. 39 is a flow chart for illustrating an operation of power conversion contributing reduced switching noise in the ~~sixth~~ seventh embodiment. With reference to the figure, when a series of operation starts, electronic control unit 57 uses the fuel cell vehicle's acceleration pedal position, motor rotation rate and the like to calculate load command  $P_{tm}$  of drive device 54 (step S111). Subsequently, electronic control unit 57 calculates load  $P_{aux}$  of fuel cell auxiliary 56 (step S112).

Please replace the paragraph beginning on page 97, line 29, with the following rewritten paragraph:

At step S115 whether power  $P_h$  satisfies  $P_s < P_h < 0$  is determined because in a mode charging secondary battery 51 when power ( $P_h$ ) charging secondary battery 51 is smaller than power loss value  $P_s$  of power conversion device 53 power conversion device 53 is adapted to be stopped. More specifically, it is because when power  $P_h$  has a negative value, power  $P_h$  represents power charging secondary ~~battery 51~~ battery 51, as described above, and power loss value  $P_s$  is set to a negative value, and accordingly the expression for decision will be  $P_s$

$P_s < P_h < 0$ . As such, when  $P_s < P_h < 0$  is satisfied, a decision is made that power ( $P_h$ ) supplied to secondary battery 51 to charge it is smaller than power loss value  $P_s$ , otherwise a decision is made that the former is larger than the latter. Consequently, determining whether  $P_s < P_h < 0$  is satisfied corresponds to determining whether power ( $P_h$ ) supplied to secondary battery 51 to charge it is smaller than power loss value  $P_s$  in power conversion device 53.

Please replace the paragraph beginning on page 98, line 12, with the following rewritten paragraph:

Fig. 40 is another functional block diagram of the motor drive apparatus in the ~~sixth~~ seventh embodiment. With reference to the figure, a motor drive apparatus 100G corresponds to the Fig. 38 motor drive apparatus 100F plus a current detection device 58 and having electronic control unit 57 replaced with an electronic control unit 57A.

Please replace the paragraph beginning on page 99, line 4, with the following rewritten paragraph:

Fig. 41 is another flow chart for illustrating an operation of voltage conversion contributing to reduced switching noise in the ~~sixth~~ seventh embodiment. With reference to the figure, when a series of operation starts, current detection device 58 detects current  $I_h$  (step S121) and outputs the detected current  $I_h$  to electronic control unit 57A.

Please replace the paragraph beginning on page 99, line 12, with the following rewritten paragraph:

As has been described above, in the ~~sixth~~ seventh embodiment, if power  $P_h$  (current  $I_h$ ) supplied via power conversion device 53 to secondary battery 51 is smaller than power loss value  $P_s$  (current loss value  $I_s$ ) in power conversion device 53, power conversion device 53 is stopped, and if power  $P_h$  (current  $I_h$ ) supplied via power conversion device 53 to secondary battery 51 is larger than power loss value  $P_s$  (current loss value  $I_s$ ) in power conversion device 53, power conversion device 53 is driven.